COSMED ECOSYSTEM



Innovative and integrated
Cardiopulmonary diagnostics solutions

COSMED
The Metabolic Company



PULMONARY FUNCTION

Modular system for the analysis of lung function, designed to be configured with modules and options according to your needs. High level of accuracy with low maintenance costs.



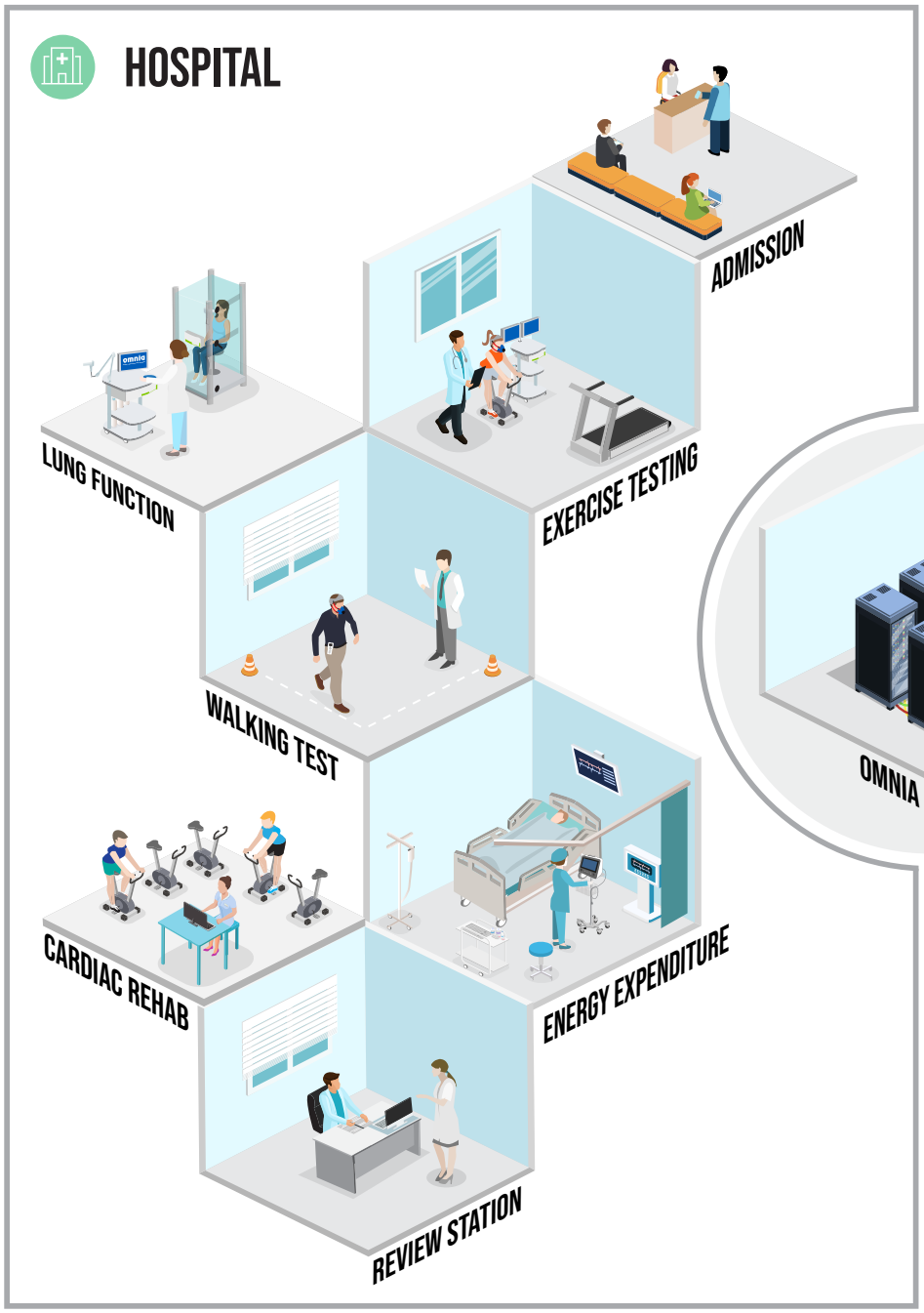
CARDIOPULMONARY

Modular system for cardiopulmonary exercise testing adaptable to any application, from clinical practice to sports medicine to physiological research. High level of accuracy, low maintenance costs and integration with auxiliary measuring devices (ECG, pulse oximeters, ergometers).



ENERGY EXPENDITURE

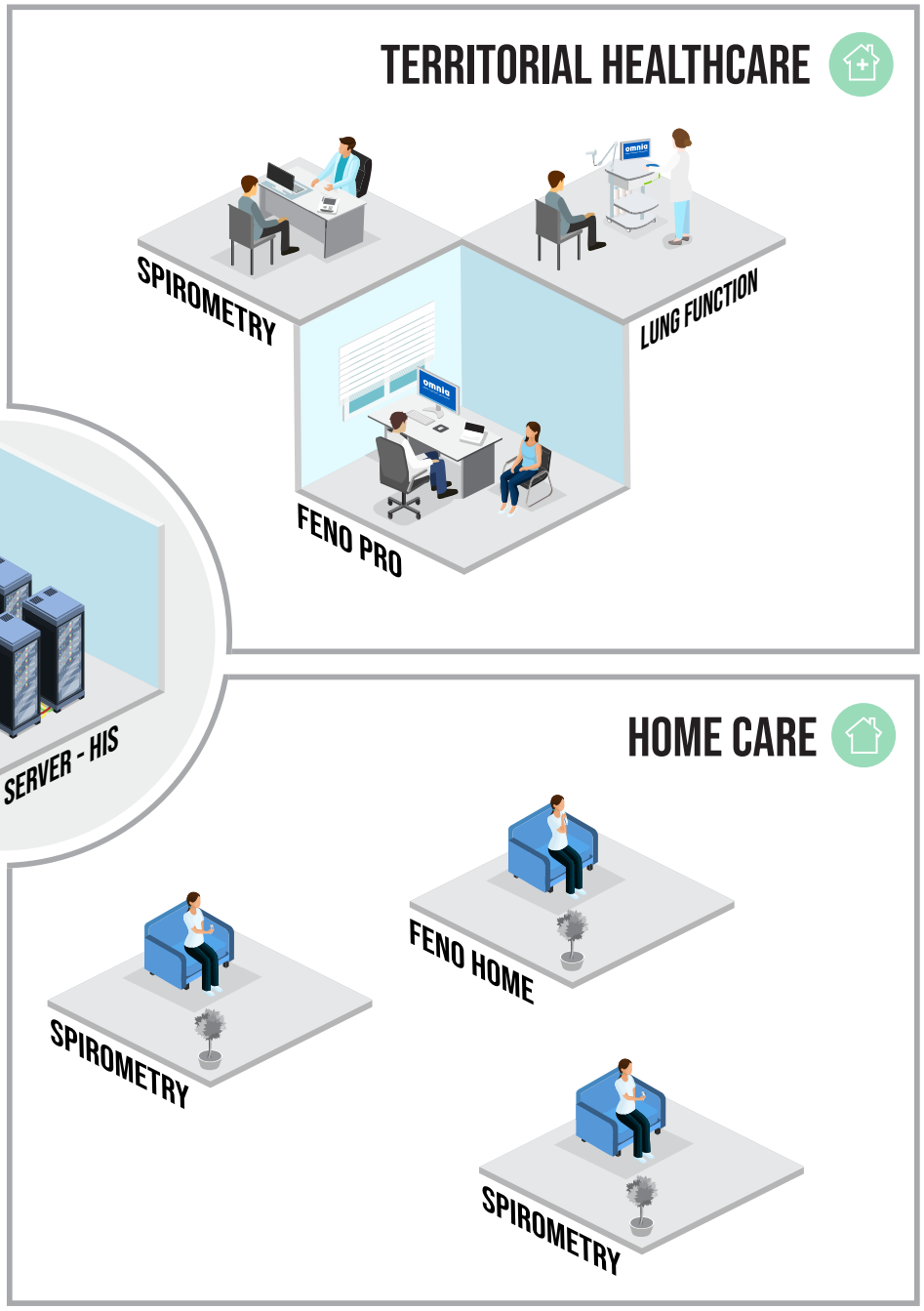
The next generation of metabolic monitors for fast, accurate and easy indirect calorimetry testing. The result of more than 30 years of experience, and validated in-vitro by the ICALIC Trial Study Group. Portable battery-powered device, compact, lightweight and compliant with clinical practice.



World-class Reference Centers and Industries featuring COSMED technology

Adidas, USA
Apple, worldwide
Army Wellness Centers, worldwide
Baxter, worldwide
Boston Children's Hospital, USA
Charité Universitätsmedizin, Germany
CIA (Central Intelligence Agency), USA
Cincinnati Children's Hospital, USA
CNR (Centro Nazionale Ricerche), Italy
CONI (Comitato Olimpico Nazionale Italiano), Italy
Decathlon, France
Dräger Medical, Germany
Emirates Airlines, UAE
ESA (European Space Agency), The Netherlands
ETH Zürich, Switzerland
Georgia State University, USA
Glaxo Smith Kline, UK
Harvard University, USA
Huawei (Hangzhou Branch), China
Imperial College, UK
INAIL Centro Protesi, Italy
Intel Corporation, USA
Karolinska Universitets, Sweden
King's College, UK
Massachusetts General Hospital, USA
Mayo Clinic, USA
NASA, USA
Nestlé Nutrition, Switzerland
Nike, USA
Ospedale Pediatrico Bambino Gesù, Italy
Philips Electronics, The Netherlands
Singapore General Hospital, Singapore
St George's Hospital, UK
Stanford University, USA
Swedish Sports Confederation's Lab, Sweden
Toyota Industry, Japan
Trinity College, Ireland
UCL (University College of London), UK
UCLA (University of California LA), USA
Université de Lausanne, Switzerland
University of Oxford, UK
US Army, USA
Victoria University, Australia

and many more ...



SPIROMETRY

Fast, simple and cost effective spirometry testing is now available to all users.
Connected to any USB port, the device turns any PC into a Spirometer.
The real-time display allows the user to monitor test execution.



FeNO PRO

Exhaled nitric oxide (FeNO) measurement in a clinical setting. The test is quick, effortless and the measured value offers a reliable indication of inflammation caused by allergic asthma. The device fits perfectly into the routine of professional doctors.



FeNO HOME

High flexibility in monitoring exhaled nitric oxide (FeNO) at home. The innovative technology and ease of use allow asthmatic patients to monitor their clinical condition autonomously and share tests results with the referring physician for quick therapy adjustment.



Company

COSMED is an Italian company established in 1980 that designs, manufactures, and sells worldwide diagnostic medical devices designed to assess Cardiopulmonary, Metabolic function and Body Composition.

COSMED meets the needs of Health Care and Research, public and private organizations, and professionals operating in the Hospital, Primary Care, Sport Science, Human Performance, and Health and Wellness markets.

COSMED employs more than 200 people worldwide, with over 20 mechanical, electronic and software engineers engaged in R&D.

Quality & Assistance

COSMED diagnostic medical devices are produced in compliance with the latest recommendations and guidelines of the main Scientific Organizations and are designed to meet international and national quality certifications.

The accuracy, reliability, and lifespan of our diagnostic medical devices along with the innovative software platform OMNIA demonstrate to our customers our commitment to quality. The support we provide includes superior customer care with first-class technical support with availability of original spare parts, and effective training services with regular software updates, guarantee that COSMED customers preserve and exploit their investments over time.

OMNIA Software

OMNIA platform is designed by the COSMED software development team. OMNIA allows you to integrate all products into a single application with the ability to manage data from different workstations.

OMNIA is available in a Standalone or Network configuration for small and large or geographically separated networks. OMNIA is based on an SQL database which allows robust and secure storage of a virtually unlimited number of data.

OMNIA Connector allows the integration between OMNIA and the Hospital Information System (HIS) or the Electronic Medical Record using the HL7 protocol.

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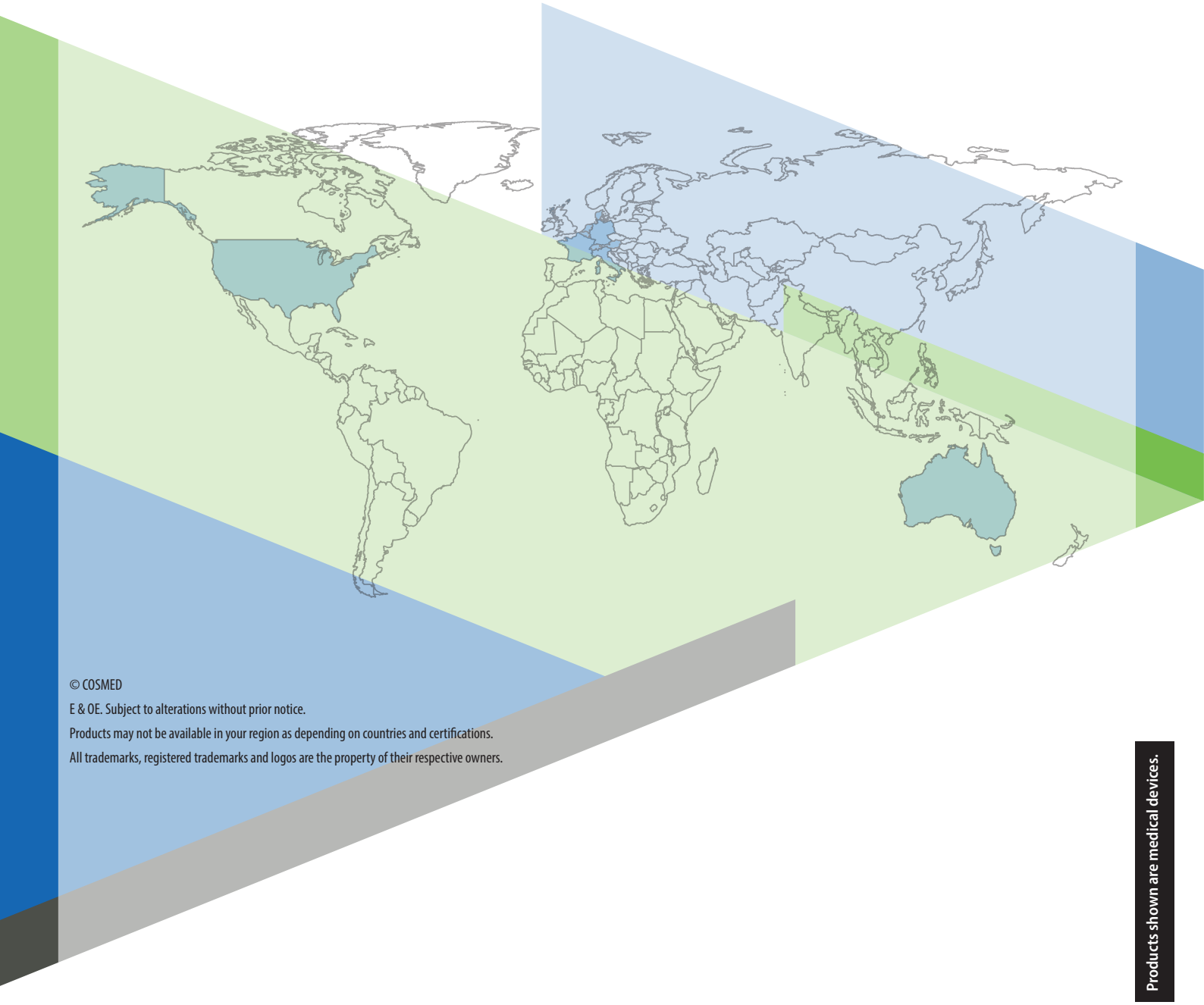
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